

```
Chain bonds:
    4-12 8-11 12-13
ring bonds:
    1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9
exact/norm bonds:
    1-2 1-6 2-3 2-7 3-4 3-9 4-5 4-12 5-6 7-8 8-9 8-11 12-13

G1:C,S,N

Match level:
    1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 11:CLASS 12:CLASS 13:Atom
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=> fil reg COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

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TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

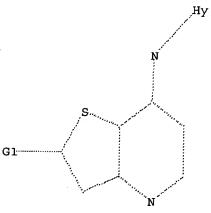
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details: http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

Uploading 09873555.str

L1 STRUCTURE UPLOADED

=> d l1 L1 HAS NO ANSWERS L1 STR



G1 C,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:41:05 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 22 TO ITERATE

100.0% PROCESSED

22 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH

COMPLETE

PROJECTED ITERATIONS:

159 TO 721

PROJECTED ANSWERS:

4 TO 200

4 SEA SSS SAM L1

=> d scan

L24 ANSWERS REGISTRY COPYRIGHT 2002 ACS

Pyrrolidine, 3-(cyclopropylmethoxy)-1-[[7-[(2-methyl-1H-indol-5-IN yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R)- (9CI)

C25 H26 N4 O2 S

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s l1 ful

FULL SEARCH INITIATED 15:41:28 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 448 TO ITERATE

100.0% PROCESSED 448 ITERATIONS

131 ANSWERS

SEARCH TIME: 00.00.02

L3 131 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST

140.66 140.87

FILE 'CAPLUS' ENTERED AT 15:41:38 ON 18 NOV 2002

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=> s 13L42 L3

=> d ibib abs hitstr 1-YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):Y

ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS ACCESSION NUMBER: 2001:904182 CAPLUS

DOCUMENT NUMBER:

136:37500

TITLE:

Preparation of thiophene derivatives as anticancer

agents

INVENTOR(S):

Luzzio, Michael Joseph; Marx, Matthew Arnold; Yang,

Bingwei Vera

PATENT ASSIGNEE(S):

Pfizer Products Inc., USA

SOURCE:

PCT Int. Appl., 74 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

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PATENT NO.
                       KIND DATE
                                                APPLICATION NO. DATE
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                               -----
                                                -----
      WO 2001094353
                        A1 20011213
                                                WO 2001-IB766
                                                                    20010502
          W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
              CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
              RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
              VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
          RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
              DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
              BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     US 2002042409
                         A1
                                               US 2001-873555 20010604
                              20020411
PRIORITY APPLN. INFO.:
                                             US 2000-209686P P 20000606
OTHER SOURCE(S):
                            MARPAT 136:37500
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GΙ

$$R^{2}$$
 $N-R^{1}$
 X
 Y
 Y
 Y

The prepn. of compds. of the formula [I; X = N, CH, C(CN); Y = N, CH, CF, N.fwdarw.O; R1 = H, (C1-6)alkyl; R2 = 5 to 13 membered heterocycle, optionally substituted by 1 to 5 substituents; R3 = C(O)N(alkyl)2, CO2(alkyl), etc.] or pharmaceutically acceptable salts and hydrates thereof, where prepd. Thus, a multistep synthesis of 100% 7-chloro-thieno[3,2-b]pyridine-2-carboxylic acid amide was demonstrated. The compds. are useful for inhibiting abnormal cell growth, including cancer.

IT 380235-85-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; prepn. of thiophene derivs. as anticancer agents)

RN 380235-85-8 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxylic acid, 7-[(2-methyl-1H-indol-5-yl)amino]-(9CI) (CA INDEX NAME)

IT 380236-95-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of)

RN 380236-95-3 CAPLUS

CN 3-Azabicyclo[3.1.0]hexan-6-amine, N,N-dimethyl-3-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

IT 380236-17-9P 380236-36-2P 380236-39-5P 380236-46-4P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (prepn. of thiophene derivs. as anticancer agents)
380236-17-9 CAPLUS
Pyrrolidine, 2-(methoxymethyl)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

CN

RN 380236-36-2 CAPLUS

CN Carbamic acid, [3-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-azabicyclo[3.1.0]hex-6-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 380236-39-5 CAPLUS
CN 1-Piperazinecarboxylic acid, 4-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 380236-46-4 CAPLUS

CN

Carbamic acid, [1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

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380235-39-2P 380235-43-8P 380235-47-2P
IT
     380235-51-8P 380235-54-1P 380235-56-3P
     380235-58-5P 380235-60-9P 380235-62-1P
     380235-64-3P 380235-66-5P 380235-68-7P
     380235-70-1P 380235-72-3P 380235-74-5P
     380235-76-7P 380235-78-9P 380235-80-3P
     380235-82-5P 380235-84-7P 380235-86-9P,
     (3-Hydroxypyrrolidin-1-yl) [7-(2-methyl-1H-indol-5-ylamino)thieno[3,2-
     b]pyridin-2-yl]methanone 380235-87-0P 380235-88-1P
     380235-89-2P 380235-90-5P.380235-91-6P
     380235-92-7P 380235-93-8P 380235-94-9P
     380235-95-0P 380235-96-1P 380235-97-2P
     380235-98-3P 380235-99-4P 380236-00-0P
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    380236-16-8P 380236-18-0P 380236-19-1P
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    380236-37-3P 380236-40-8P 380236-43-1P,
     (3-Methoxypyrrolidin-1-yl)[7-(2-methyl-1H-indol-5-ylamino)thieno[3,2-
    b]pyridin-2-yl]methanone 380236-44-2P 380236-45-3P
    380236-47-5P 380236-49-7P 380236-52-2P
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    380237-03-6P 380237-05-8P 380237-06-9P
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    380237-15-0P 380237-16-1P 380237-18-3P
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    380237-25-2P 380237-26-3P 380237-27-4P
    380237-28-5P 380237-29-6P 380237-30-9P
    380237-31-0P 380237-32-1P 380237-34-3P
    380237-35-4P 380237-36-5P 380237-37-6P
    380237-38-7P 380237-39-8P 380237-41-2P
    RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
```

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of thiophene derivs. as anticancer agents)

RN 380235-39-2 CAPLUS

CN Pyrrolidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-43-8 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-ethyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-47-2 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-(9CI) (CA INDEX NAME)

RN 380235-51-8 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N,N-dimethyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-54-1 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)

RN 380235-56-3 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-58-5 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)

RN 380235-60-9 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-[2-(dimethylamino)ethyl]-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-62-1 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[3-(4-methyl-1-piperazinyl)propyl]- (9CI) (CA INDEX NAME)

RN 380235-64-3 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[3-(4-morpholinyl)propyl]- (9CI) (CA INDEX NAME)

RN 380235-66-5 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-(4-pyridinylmethyl)- (9CI) (CA INDEX NAME)

RN 380235-68-7 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[2-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} H & Me \\ \hline NH & S & C-NH-CH_2-CH_2 \\ \hline N & N & N \end{array}$$

RN 380235-70-1 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-4-pyridinyl- (9CI) (CA INDEX NAME)

RN 380235-72-3 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 380235-74-5 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[2-(4-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 380235-76-7 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[2-(1-piperidinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 380235-78-9 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-3-pyridinyl- (9CI) (CA INDEX NAME)

RN 380235-80-3 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-[2-(3-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 380235-82-5 CAPLUS

CN Morpholine, 4-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-84-7 CAPLUS
CN Thieno[3,2-b]pyridine-2-carbonitrile, 7-[(2-methyl-1H-indol-5-yl)amino](9CI) (CA INDEX NAME)

RN 380235-86-9 CAPLUS
CN 3-Pyrrolidinol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-87-0 CAPLUS
CN Thieno[3,2-b]pyridine-2-carboxamide, N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]-N-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)

RN 380235-88-1 CAPLUS

CN Piperazine, 1-methyl-4-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-89-2 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-2-thiazolyl- (9CI) (CA INDEX NAME)

RN 380235-90-5 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N,N-diethyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-91-6 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-ethyl-N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN · 380235-92-7 CAPLUS

CN Azetidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-93-8 CAPLUS

CN Isoquinoline, 1,2,3,4-tetrahydro-2-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-94-9 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-[2-(dimethylamino)ethyl]-N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} H & Me \\ \hline NH & O & Me \\ \hline \parallel & \\ C-N-CH_2-CH_2-NMe_2 \\ \end{array}$$

RN 380235-95-0 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-cyclohexyl-N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-96-1 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-cyclohexyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380235-97-2 CAPLUS
CN Aziridine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380235-98-3 CAPLUS
CN Pyrrolidine, 2-(methoxymethyl)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380235-99-4 CAPLUS
CN Pyrrolidine, 2,5-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-00-0 CAPLUS

CN Piperidine, 2,6-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-01-1 CAPLUS

CN Acetamide, N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

RN 380236-02-2 CAPLUS

CN Acetamide, N-ethyl-N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

RN 380236-03-3 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N,N-bis(1-methylethyl)-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380236-04-4 CAPLUS

CN 2-Pyrrolidinecarboxamide, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-05-5 CAPLUS

CN Thiomorpholine, 4-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-06-6 CAPLUS
CN 3-Piperidinecarboxylic acid, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, ethyl ester (9CI) (CFINDEX NAME)

RN 380236-07-7 CAPLUS
CN 3-Pyrrolidinamine, N-methyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-08-8 CAPLUS
CN 2-Pyrrolidinecarboxamide, N,N-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

$$\begin{array}{c} & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

RN 380236-09-9 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-(2-methoxyethyl)-N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]- (9CI) (CA INDEX NAME)

RN 380236-10-2 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

RN 380236-11-3 CAPLUS

CN 3-Pyrrolidinamine, N,N-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-12-4 CAPLUS

CN 3-Pyrrolidinamine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-13-5 CAPLUS

CN L-Proline, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-14-6 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, 7-[(2-methyl-1H-indol-5-yl)amino]-N,N-bis(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

RN 380236-15-7 CAPLUS

CN Acetamide, N-methyl-N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

RN 380236-16-8 CAPLUS

CN 3-Pyrrolidinamine, N,N-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

$$\frac{1}{N}$$
 Me $\frac{1}{N}$ Me $\frac{1$

RN 380236-18-0 CAPLUS

CN 2-Pyrrolidinemethanol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-19-1 CAPLUS

CN 2-Pyrrolidinemethanol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-20-4 CAPLUS

CN 3-Pyrrolidinol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-21-5 CAPLUS

CN 3-Pyrrolidinol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-

2-yl]carbonyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-22-6 CAPLUS

CN 3-Azabicyclo[3.1.0]hexane-6-methanol, 3-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-23-7 CAPLUS

CN Piperidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-24-8 CAPLUS

CN 3,4-Pyrrolidinediol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-26-0 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]-N-(4-pyridinylmethyl)- (9CI) (CA INDEX NAME)

RN 380236-28-2 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]-N-(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)

RN 380236-30-6 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]-N-[2-(4-morpholinyl)ethyl]- (9CI) (CA INDEX NAME)

RN 380236-34-0 CAPLUS

CN Cyclobutanecarboxamide, N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

RN 380236-37-3 CAPLUS

CN 3-Azabicyclo[3.1.0]hexan-6-amine, 3-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-40-8 CAPLUS

CN Piperazine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

380236-43-1 CAPLUS RN

Pyrrolidine, 3-methoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN380236-44-2 CAPLUS

Pyrrolidine, 3-methoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

380236-45-3 CAPLUS
Pyrrolidine, 3-methoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-CNb]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-47-5 CAPLUS
CN 3-Pyrrolidinamine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-49-7 CAPLUS
CN 3-Pyrrolidinamine, N-[(dimethylamino)sulfonyl]-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

RN 380236-52-2 CAPLUS
CN 3-Pyrrolidinamine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-N-(methylsulfonyl)- (9CI) (CA INDEX NAME)

RN 380236-58-8 CAPLUS

CN Cyclobutanecarboxamide, N-methyl-N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-pyrrolidinyl]- (9CI) (CAINDEX NAME)

RN 380236-60-2 CAPLUS

CN 3-Pyrrolidinamine, N-[(dimethylamino)sulfonyl]-N-methyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380236-64-6 CAPLUS

CN 3-Pyrrolidinamine, N-methyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-N-(methylsulfonyl)- (9CI) (CA INDEX NAME)

RN380236-67-9 CAPLUS

Propanamide, N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-. CN 2-yl]carbonyl]-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

RN 380236-70-4 CAPLUS

Pyrrolidine, 3-ethoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-CNb]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

380236-73-7 CAPLUS
Pyrrolidine, 3-ethoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-75-9 CAPLUS

CN Pyrrolidine, 3-(cyclopropylmethoxy)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-77-1 CAPLUS

CN Pyrrolidine, 3-(cyclopropylmethoxy)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-79-3 CAPLUS

CN Pyrrolidine, 3-(2-methoxyethoxy)-1-[[7-[(2-methyl-1H-indol-5-

yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-81-7 CAPLUS

CN Pyrrolidine, 3-(2-methoxyethoxy)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-82-8 CAPLUS

CN Thieno[3,2-b]pyridine-2-carboxamide, N-methyl-7-[(2-methyl-1H-indol-5-yl)amino]-N-[1-(phenylmethyl)-3-pyrrolidinyl]- (9CI) (CA INDEX NAME)

RN 380236-83-9 CAPLUS

CN Pyrrolidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(1-pyrrolidinylmethyl)-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-84-0 CAPLUS

CN Pyrrolidine, 2-(diphenylmethyl)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-85-1 CAPLUS

CN 2-Pyrrolidinemethanamine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-N-phenyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-86-2 CAPLUS

CN 3,4-Pyrrolidinediol, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R,4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-89-5 CAPLUS

CN Pyrrolidine, 3,4-dimethoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3S,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-90-8 CAPLUS

CN Pyrrolidine, 3,4-dimethoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R,4R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-91-9 CAPLUS

CN Pyrrolidine, 3,4-dimethoxy-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (3R,4S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

RN 380236-92-0 CAPLUS

CN 2-Pyrrolidinemethanol, .alpha.,.alpha.-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

RN

380236-97-5 CAPLUS
Pyrrolidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-CN yl]carbonyl]-2-(4-morpholinylmethyl)-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380236-98-6 CAPLUS

Pyrrolidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2yl]carbonyl]-2-(4-morpholinylmethyl)-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN380236-99-7 CAPLUS

2-Pyrrolidinemethanamine, N,N-dimethyl-1-[[7-[(2-methyl-1H-indol-5-CNyl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

380237-00-3 CAPLUS RN

Pyrrolidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(1-pyrrolidinylmethyl)-, (2R)- (9CI) (CA INDEX NAME) CN

Absolute stereochemistry.

RN

380237-01-4 CAPLUS
Pyrrolidine, 1-[[7-[(2,3-dimethyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-methoxy-, (3R)- (9CI) (CA INDEX NAME)

RN 380237-03-6 CAPLUS

CN Pyrrolidine, 1-[[7-[(2,3-dimethyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-methoxy-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-05-8 CAPLUS

CN Pyrrolidine, 1-[[7-[(2,3-dimethyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(methoxymethyl)-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-06-9 CAPLUS

CN Pyrrolidine, 1-[[7-[(2,3-dimethyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(methoxymethyl)-, (2S)- (9CI) (CA INDEX NAME)

RN380237-07-0 CAPLUS

Pyrrolidine, 1-[[7-[(3-chloro-2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl]-3-methoxy-, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

380237-09-2 CAPLUS
Pyrrolidine, 1-[[7-[(3-chloro-2-methyl-1H-indol-5-yl)amino]thieno[3,2-CNb]pyridin-2-yl]carbonyl]-3-methoxy-, (3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-10-5 CAPLUS

Pyrrolidine, 1-[[7-[(3-chloro-2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl]-2-(methoxymethyl)-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-11-6 CAPLUS

CN Pyrrolidine, 1-[[7-[(3-chloro-2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(methoxymethyl)-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-13-8 CAPLUS

CN Azetidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-(1-pyrrolidinyl)- (9CI) (CA INDEX NAME)

RN 380237-14-9 CAPLUS

CN 3-Azetidinamine, N,N-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380237-15-0 CAPLUS

CN 3-Azetidinamine, N,N-diethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380237-16-1 CAPLUS

CN Azetidine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-(4-morpholinyl)- (9CI) (CA INDEX NAME)

RN 380237-18-3 CAPLUS

CN Piperazine, 1-acetyl-4-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

RN 380237-20-7 CAPLUS

CN Piperazine, 1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-4-(methylsulfonyl)- (9CI) (CA INDEX NAME)

RN 380237-21-8 CAPLUS

CN 1-Piperazinesulfonamide, N,N-dimethyl-4-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]- (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & H & Me \\ \hline & N & \\ NH & O & \\ & S & NMe_2 \\ \hline & N & O & \\ & N & O &$$

RN 380237-22-9 CAPLUS

CN Acetamide, N-[1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-3-azetidinyl]- (9CI) (CA INDEX NAME)

RN 380237-25-2 CAPLUS

CN Pyrrolidine, 2-(ethoxymethyl)-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-26-3 CAPLUS

CN Pyrrolidine, 2-[(1-methylethoxy)methyl]-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-27-4 CAPLUS

CN Pyrrolidine, 2-[(cyclopropylmethoxy)methyl]-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX

Absolute stereochemistry.

RN380237-28-5 CAPLUS

Pyrrolidine, 2-[(cyclopropylmethoxy)methyl]-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX

Absolute stereochemistry.

RN

380237-29-6 CAPLUS
Pyrrolidine, 2-[(2-methoxyethoxy)methyl]-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX CN

RN380237-30-9 CAPLUS

Pyrrolidine, 2-(ethoxymethyl)-1-[[7-[(2-methyl-1H-indol-5-CNyl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

380237-31-0 CAPLUS
Pyrrolidine, 2-[(2-methoxyethoxy)methyl]-1-[[7-[(2-methyl-1H-indol-5-CNyl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

RN 380237-32-1 CAPLUS

CN Pyrrolidine, 2-[(1-methylethoxy)methyl]-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-34-3 CAPLUS

CN Pyrrolidine, 2-(methoxymethyl)-1-[[7-[(2-methyl-6-quinolinyl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-35-4 CAPLUS

CN Pyrrolidine, 2-(methoxymethyl)-1-[[7-[(2-methyl-6-quinolinyl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CAINDEX NAME)

RN 380237-36-5 CAPLUS CNAcetamide, N-(1-acetyl-2-methyl-1H-indol-5-yl)-N-[2-[[(2R)-2-(methoxymethyl)-1-pyrrolidinyl]carbonyl]thieno[3,2-b]pyridin-7-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN380237-37-6 CAPLUS CN1H-Indole, 1-acetyl-5-[[2-[[(2R)-2-(methoxymethyl)-1pyrrolidinyl]carbonyl]thieno[3,2-b]pyridin-7-yl]amino]-2-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN

380237-38-7 CAPLUS
Pyrrolidine, 1-[[7-[ethyl(1-ethyl-2-methyl-1H-indol-5-yl)amino]thieno[3,2-CN b]pyridin-2-yl]carbonyl]-2-(methoxymethyl)-, (2R)- (9CI) (CA INDEX NAME)

RN 380237-39-8 CAPLUS

CN Pyrrolidine, 1-[[7-[(1,2-dimethyl-1H-indol-5-yl)methylamino]thieno[3,2-b]pyridin-2-yl]carbonyl]-2-(methoxymethyl)-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

RN 380237-41-2 CAPLUS

CN 2-Pyrrolidinemethanol, .alpha.,.alpha.-dimethyl-1-[[7-[(2-methyl-1H-indol-5-yl)amino]thieno[3,2-b]pyridin-2-yl]carbonyl]-, (2R)- (9CI) (CA INDEX NAME)

REFERENCE COUNT: THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS 3 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS ACCESSION NUMBER: 1999:325942 CAPLUS

DOCUMENT NUMBER: 131:5266

TITLE: Preparation of thienopyrimidines and thienopyridines

as anticancer agents INVENTOR(S):

Munchhof, Michael John; Sobolov-Jaynes, Susan Beth

PATENT ASSIGNEE(S): Pfizer Products Inc., USA

SOURCE: PCT Int. Appl., 91 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

P#	PATENT NO.				KIND DATE				APPLICATION NO.					DATE					
T.T.C	WO 0024440																		
WC) 9924440			A1		1999	0520		WO 1998-IB1691 , BG, BR, BY, CA, CH,				1998	1022					
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The title compds. [I and II; X1 = N, CH; R1 = H, alkyl, C(0)alkyl; R2 =AΒ (un) substituted C6-10 aryl, 5-13 membered heterocyclic; R11 = H, alkyl, C(O)NR6R9, etc.; R6 = H, alkyl, etc.; R9 = H, alkyl, etc.] and their pharmaceutically acceptable salts, useful for treating hyperproliferative disorders, were prepd. E.g., a multi-step synthesis of I[X1 = N; R1 =indol-5-yl; R2 = H; R11 = Br], was given. Compds. I are effective at 0.2-2.5 g/day for a 70 kg human. 225384-40-7P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of thienopyrimidines and thienopyridines as anticancer agents)

RN 225384-40-7 CAPLUS CN 3-Butyn-1-ol, 4-[7-(1H-indol-5-ylamino)thieno[3,2-b]pyridin-2-yl]- (9CI) (CA INDEX NAME)

$$C = C - CH_2 - CH_2 - OH$$

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 15:40:11 ON 18 NOV 2002)

FILE 'REGISTRY' ENTERED AT 15:40:29 ON 18 NOV 2002

L1 STRUCTURE UPLOADED

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L3 131 S L1 FUL

FILE 'CAPLUS' ENTERED AT 15:41:38 ON 18 NOV 2002 2 S L3

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L4

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE TOTAL

SENSION
9.97
150.84

CA SUBSCRIBER PRICE SINCE FILE TOTAL

CA SUBSCRIBER PRICE SESSION

-1.24

-1.24

STN INTERNATIONAL LOGOFF AT 15:43:34 ON 18 NOV 2002